

AD-A077 787 MILITARY ACADEMY WEST POINT NY OFFICE OF THE DIRECTO--ETC F/G 5/9
RETENTION OF CADETS IN THE CLASS OF 1974, (U)

UNCLASSIFIED NOV 74 J W HOUSTON
2A1.00-75-010

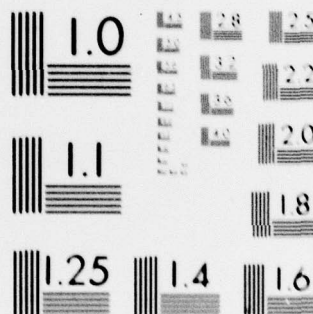
NL

| OF |

AD A077787



END
DATE
FILMED
1-80
DDC



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

ADA 077787

DDC FILE COPY



LEVEL II

75-010



UNITED STATES MILITARY ACADEMY

WEST POINT · NEW YORK

RETENTION OF CADETS
IN THE
CLASS OF 1974

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

DDC
RECEIVED
DEC 10 1979
A

OFFICE OF THE
DIRECTOR OF INSTITUTIONAL RESEARCH
NOVEMBER 1974

DUTY-HONOR-COUNTRY

79 20 9 208

6
14
RETENTION OF CADETS IN THE CLASS OF 1974

Report Number: 2A1.00-75-010
Task Number: 2086
Prepared By: Mr. John W. Houston
Nov 1974

11 10 13 18
ABSTRACT

This report shows the relationship between certain characteristics of the cadets of the Class of 1974 and retention at the Academy through graduation. The findings tend to support previous findings; that variables related to academics are the best predictors of losses from the Military Academy.

NOTE: Any conclusions in this report are not to be construed as official U. S. Military Academy or Department of the Army positions unless so designated by other authorized documents.

~~DISTRIBUTION:~~ This document is prepared for official purposes only. Its contents may not be reproduced or distributed (in whole or in part) without specific permission of the Superintendent, U. S. Military Academy, in each instance.

OFFICE OF THE
DIRECTOR OF INSTITUTIONAL RESEARCH
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK 10996

406 247

Accession For	
NTIS GRA&I	
DDC TAB	
Unannounced	
Justification	
By	
Distribution/	
Availability Codes	
Dist.	Avail and/or special
A	

TABLE OF CONTENTS

	Page
INTRODUCTION, METHOD, RESULTS.....	1
CONCLUSIONS.....	2
TABLE 1. HIGH SCHOOL CHARACTERISTICS.....	3
TABLE 2. SUBJECT EXPOSURE.....	4,5
TABLE 3. PREPARATORY SCHOOL ATTENDANCE.....	6
TABLE 4. AWARDS.....	7
TABLE 5. SCHOLARSHIPS.....	8
TABLE 6. CLUBS AND POSITIONS HELD.....	9,10,11
TABLE 7. ROTC EXPERIENCE.....	12
TABLE 8. MILITARY SERVICE.....	13
TALBE 9. FATHER'S MILITARY STATUS, RANK, AND COMPONENT.....	14

Programmer: Betsy L. Smith

Typist: Deborah A. Lawrence

INTRODUCTION

For the past several years each class entering the Military Academy has been given the Class Characteristics Inventory Questionnaire asking for information on the background and experience of each cadet before coming to West Point. The purpose of the present study was to compare the characteristics of the graduating Class of 1974 with the characteristics of the class as it was originally: at time of entrance in 1970 before resignations altered the membership. This comparison was made in an attempt to identify those groups with a retention rate significantly higher or lower than the average, since a better understanding of the differences in retention could lead to long range recruitment benefits.

METHOD

A computer printout was made of the answers to the characteristics inventory showing the number and percent of responses of the 1373 new cadets in the Class of '74. A similar print-out was made of the responses obtained at entrance on the same inventory, from the 835 cadets who were the graduates of the Class of '74. A test was made for significance in the difference of proportions of those who graduated compared to those who entered, considering specific background items. "Z" tests were performed on items which by inspection indicated a possibility of significant difference. The broad categories of the items involved were:

1. High School Characteristics
2. Subject Exposure
3. Preparatory School Attendance
4. Awards
5. Scholarships
6. Clubs and Positions Held
7. ROTC Experience
8. Military Service
9. Father's Military Status, Rank, and Component

RESULTS

Results are shown in Tables 1 through 9. Statistically significant differences were found for eleven subgroups. The retention rates for those who answered affirmatively on each of the eleven items compared to those who answered in the negative are shown below:

- | | |
|---|---------------|
| 1. Graduated in top 5th of High School Class (Table 1): | 63% retention |
| Did not graduate in top 5th of High School Class (Table 1): | 54% retention |
| 2. Had a physics course prior to entering USMA (Table 2): | 63% retention |
| Had no physics course prior to entering USMA (Table 2): | 49% retention |

3. Had an "A" in Calculus prior to entering USMA (Table 2):	69% retention
Did not have an "A" in Calculus prior to entering USMA (Table 2):	59% retention
4. Took a foreign language prior to entry (Table 2):	70% retention
Took no foreign language prior to entry (Table 2):	29% retention
5. Had more than 2 years of foreign language before entry (Table 2):	65% retention
Had 2 years or less of foreign language before entry (Table 2):	55% retention
6. Attended USMA Prep School (Table 3):	51% retention
Did not attend USMA Prep School (Table 3):	62% retention
7. Member of the National Honor Society (Table 4):	63% retention
Not a member of the National Honor Society (Table 4):	58% retention
8. Took the National Merit Scholarship Exam (Table 4):	65% retention
Did not take the National Merit Scholarship Exam (Table 4):	51% retention
9. Belonged to "Order of Arrow" in Scouting (Table 6):	70% retention
Did not belong to "Order of Arrow" in Scouting (Table 6):	60% retention
10. An Eagle Scout (Table 6):	72% retention
Not an Eagle Scout (Table 6):	59% retention
11. Had prior military service (Table 9):	51% retention
Had no prior military service (Table 9):	62% retention

CONCLUSIONS

Of the eleven categories with significant differences in retention rates, seven were related to academics, with those cadets having better academic preparation having higher retention rates. Two of the items were related to scouting, with Eagle Scouts and those belonging to the "Order of the Arrow" having higher retention rates; and two were related to prior military service, with those attending USMAPS and those with prior service having lower retention rates. These findings tend to support previous findings¹, that variables related to academics are the best predictors of losses from the Military Academy.

¹Butler, R.P. and Houston, J.W. Attrition and Admissions Scores, Class of 1975. Report No. 2A1,00-74-019. West Point, N.Y.: Office of Institutional Research, January 1974.

TABLE 1. HIGH SCHOOL CHARACTERISTICS

	NUMBER	PERCENT OF ENTRANTS	PERCENT OF GRADUATES
HIGH SCHOOL GRADUATE			
YES.....	1372	99.9	100.0
NO	1	0.1	0
NUMBER OF HIGH SCHOOLS ATTENDED			
ONE.....	1027	74.8	74.3
TWO.....	243	17.7	17.6
THREE.....	80	5.8	6.5
FOUR.....	19	1.4	1.4
FIVE OR MORE.....	4	0.3	0.1
APPROXIMATE SIZE OF GRADUATING CLASS			
DID NOT GRADUATE.....	1	0.1	0.1
1-49.....	57	4.2	4.4
50-99.....	131	9.5	8.9
100-199.....	233	17.0	17.1
200-499.....	578	42.1	42.5
500-999.....	306	22.3	21.9
1000 OR MORE.....	67	4.9	5.2
TYPE OF HIGH SCHOOL IN WHICH SENIOR YEAR WAS COMPLETED			
DID NOT COMPLETE SENIOR YEAR.....	1	0.1	0
PUBLIC (INCLUDES U.S. SCHOOLS IN FOREIGN COUNTRIES).....	1171	85.3	84.8
PRIVATE, NON-DENOMINATIONAL, NON-MILITARY.....	39	2.8	2.4
PRIVATE, NON-DENOMINATIONAL, MILITARY.....	22	1.6	1.6
PRIVATE, DENOMINATIONAL, NON-MILITARY.....	127	9.3	10.1
PRIVATE, DENOMINATIONAL, MILITARY.....	11	0.8	0.7
INTERNATIONAL OR FOREIGN NATIONAL SCHOOL..	2	0.2	.1
FOREIGN EXCHANGE STUDENT			
YES.....	7	0.5	0.6
NO.....	1366	99.5	99.4
RANK IN GRADUATING CLASS			
DID NOT GRADUATE.....	1	0.1	0
TOP FIFTH.....	1057	76.9	79.4
SECOND FIFTH.....	229	16.7	15.7
THIRD FIFTH.....	75	5.5	4.4
FOURTH FIFTH.....	8	0.6	0.5
BOTTOM FIFTH.....	3	0.2	0
SELECTED AS VALEDICTORIAN (FIRST IN THE CLASS)			
YES.....	56	4.1	4.2
NO	1317	95.9	95.8
SELECTED AS SALUTATORIAN (SECOND IN THE CLASS)			
YES.....	57	4.2	4.2
NO.....	1316	95.8	95.8

TABLE 2. SUBJECT EXPOSURE

	NUMBER	PERCENT OF ENTRANTS	PERCENT OF GRADUATES
EXPOSURE TO PHYSICS COURSES *			
NONE.....	192	14.0	11.4
ONE YEAR OR LESS IN HIGH SCHOOL.....	1076	78.4	81.7
MORE THAN ONE YEAR IN HIGH SCHOOL.....	59	4.3	3.8
ONE SEMESTER OR LESS IN COLLEGE.....	25	1.8	1.9
MORE THAN ONE SEMESTER IN COLLEGE.....	21	1.5	1.2
AVERAGE GRADE IN PHYSICS *			
NOT APPLICABLE.....	193	14.1	11.5
A.....	413	30.1	31.6
B.....	503	36.6	38.0
C.....	232	16.9	16.5
LOWER THAN C.....	32	2.3	2.3
EXPOSURE TO CHEMISTRY COURSES *			
NONE.....	57	4.2	3.5
ONE YEAR OR LESS IN HIGH SCHOOL.....	1134	82.6	84.4
MORE THAN ONE YEAR IN HIGH SCHOOL.....	113	8.2	7.4
ONE SEMESTER OR LESS IN COLLEGE.....	24	1.8	1.9
MORE THAN ONE SEMESTER IN COLLEGE.....	45	3.3	2.8
AVERAGE GRADE IN CHEMISTRY *			
NOT APPLICABLE.....	57	4.2	3.4
A.....	447	32.6	34.5
B.....	582	42.4	42.4
C.....	265	19.3	18.4
LOWER THAN C.....	22	1.6	1.2
HIGHEST HIGH SCHOOL MATHEMATICS COURSE TAKEN *			
ONE YEAR ALGEBRA.....	9	0.7	0.5
ONE YEAR PLANE GEOMETRY.....	46	3.4	2.4
ONE YEAR INTERMEDIATE ALGEBRA AND TRIGONOMETRY.....	708	51.6	51.3
ONE YEAR ANALYTICAL GEOMETRY.....	609	44.4	45.9
NONE OF THE ABOVE.....	1	0.1	0
HIGHEST GRADE IN ABOVE MATHEMATICS COURSES *			
NOT APPLICABLE.....	5	0.4	.2
A.....	861	62.7	64.6
B.....	396	28.8	28.4
C.....	99	7.2	6.2
LOWER THAN C.....	12	0.9	0.5

DATA ARE CORRECT! EVIDENTLY SOME CADETS WHO BEGAN A COURSE
DROPPED OUT BEFORE RECEIVING A GRADE IN THAT COURSE.

TABLE 2. SUBJECT EXPOSURE (CONTINUED)

	NUMBER	PERCENT OF ENTRANTS	PERCENT OF GRADUATES
EXPOSURE TO CALCULUS *			
NONE.....	708	51.6	49.2
ONE YEAR OR LESS IN HIGH SCHOOL.....	557	40.6	43.0
MORE THAN ONE YEAR IN HIGH SCHOOL.....	9	0.7	0.4
ONE SEMESTER OR LESS IN COLLEGE.....	49	3.6	3.2
MORE THAN ONE SEMESTER IN COLLEGE.....	50	3.6	4.0
AVERAGE GRADE IN CALCULUS *			
NOT APPLICABLE.....	744	54.2	51.4
A.....	193	14.1	15.9
B.....	224	16.3	16.7
C.....	169	12.3	13.7
LOWER THAN C.....	43	3.1	2.3
NUMBER OF YEARS STUDIED FOREIGN LANGUAGES *			
NONE.....	52	3.8	1.8
ONE.....	94	6.9	6.6
TWO.....	472	34.4	32.5
THREE.....	344	25.1	25.5
FOUR.....	271	19.7	22.2
FIVE OR MORE.....	140	10.2	11.5
PARTICULAR FOREIGN LANGUAGES STUDIED *			
FRENCH.....	495	36.1	37.6
GERMAN.....	316	23.0	20.1
SPANISH.....	489	35.6	35.7
RUSSIAN.....	25	1.8	2.0
PORTUGUESE.....	2	0.2	0.1
OTHER.....	292	21.3	19.0
NONE.....	78	5.7	3.7
AVERAGE GRADE IN FOREIGN LANGUAGES *			
NOT APPLICABLE.....	56	4.1	1.9
A.....	423	30.8	33.1
B.....	568	41.4	43.8
C.....	288	21.0	19.3
LOWER THAN C.....	38	2.8	1.8
COMPLETED A HIGH SCHOOL HONORS COURSE IN ANY SUBJECT			
YES.....	560	40.8	42.2
NO.....	813	59.2	57.8

* DATA ARE CORRECT! EVIDENTLY SOME CADETS WHO BEGAN A COURSE DROPPED OUT BEFORE RECEIVING A GRADE IN THAT COURSE.

TABLE 3. PREPARATORY SCHOOL ATTENDANCE

NAME OF SCHOOL	NO	% OF ENTRANTS	% OF GRADUATES
ARMED FORCES PREP	0	0.0	0
BRADENS SCHOOL	6	0.4	0.7
BULLIS SCHOOL	4	0.3	0.4
CARSON M AND M	0	0.0	0
MANLIUS SCHOOL	1	0.1	0
MARION INSTITUTE	4	0.3	0.1
MILLARD SCHOOL	68	4.9	5.3
NORTHWESTERN PREP	1	0.1	0.1
USAFA PREP	1	0.1	0
USMA PREP	188	13.7	11.4
USNA PREP	0	0.0	0
OTHER	16	1.2	1.1
TOTAL PREP SCHS	289	21.0	19.1
NO PREP SCH	1084	79.0	80.9
TOTAL	1373	100.0	100.0

TABLE 4. AWARDS

	NUMBER	PERCENT OF ENTRANTS	PERCENT OF GRADUATES
RECEIVED FOLLOWING AWARDS *			
NATIONAL HONOR SOCIETY.....	679	49.5	51.6
BAUSCH AND LOMB SCIENCE AWARD.....	20	1.5	1.4
AMERICAN LEGION AWARD.....	128	9.3	9.0
OTHER COMMUNITY AWARDS.....	311	22.7	23.6
WESTINGHOUSE SCIENCE TALENT SEARCH AWARD.....	1	0.1	0.0
NATIONAL COUNCIL OF TEACHERS OF ENGLISH AWARD.....	6	0.4	0.2
OTHER NATIONAL AWARDS.....	146	10.6	9.8
NONE.....	497	36.2	32.9
TOOK THE NATIONAL MERIT SCHOLARSHIP EXAMINATION			
NO.....	403	29.4	24.7
YES, BUT NOT QUALIFIED.....	691	50.3	54.4
YES, AND RECEIVED COMMENDATION.....	214	15.6	16.5
YES, WAS SEMI-FINALIST.....	14	1.0	1.1
YES, WAS FINALIST.....	36	2.6	2.4
YES, WAS MERIT SCHOLAR.....	15	1.1	1.0
TOOK ADVANCED PLACEMENT EXAMINATIONS (CEEB) IN THE FOLLOWING SUBJECTS *			
AMERICAN HISTORY.....	189	13.8	14.5
BIOLOGY.....	42	3.1	0.5
CHEMISTRY.....	133	9.7	8.3
ENGLISH.....	657	47.9	46.2
EUROPEAN HISTORY.....	16	1.2	1.1
FRENCH.....	45	3.3	3.6
GERMAN.....	24	1.8	1.8
LATIN.....	11	0.8	0.8
MATHEMATICS.....	690	50.3	49.7
PHYSICS.....	56	4.1	2.9
SPANISH.....	33	2.4	0.2
OTHER.....	12	0.9	1.1
NONE.....	608	44.3	46.8

* MAY BE MORE THAN ONE.

TABLE 5. SCHOLARSHIPS

NUMBER OF NON-ATHLETIC SCHOLARSHIPS REJECTED TO ATTEND USMA	NUMBER	PERCENT OF ENTRANTS	PERCENT OF GRADUATES
NONE.....	787	57.3	56.2
ONE.....	322	23.5	25.5
TWO.....	153	11.1	11.4
THREE.....	78	5.7	4.6
FOUR.....	21	1.5	1.6
FIVE.....	7	0.5	0.5
SIX.....	2	0.2	0.1
SEVEN.....	1	0.1	0.1
EIGHT OR MORE.....	2	0.2	0.1
NUMBER OF ATHLETIC SCHOLARSHIPS REJECTED TO ATTEND USMA			
NONE.....	1108	80.7	82.3
ONE.....	101	7.4	6.6
TWO.....	59	4.3	3.7
THREE.....	28	2.0	2.3
FOUR.....	28	2.0	2.0
FIVE.....	7	0.5	0.1
SIX.....	11	0.8	1.0
SEVEN.....	2	0.2	0.1
EIGHT OR MORE.....	29	2.1	1.9
RECEIVED THE FOLLOWING MILITARY SCHOLARSHIPS *			
ARMY ROTC SCHOLARSHIP.....	182	13.3	12.3
NAVY ROTC SCHOLARSHIP.....	50	3.6	2.2
AIR FORCE ROTC SCHOLARSHIP.....	27	2.0	0.8

* MAY BE MORE THAN ONE.

TABLE 6. CLUBS AND POSITIONS HELD

	NUMBER	PERCENT OF ENTRANTS	PERCENT OF GRADUATES
ELECTED OR APPOINTED TO FOLLOWING HIGH SCHOOL POSITIONS *			
PRESIDENT OF SENIOR CLASS.....	64	4.7	4.6
SENIOR CLASS OFFICER - OTHER THAN PRESIDENT.....	175	12.8	8.9
PRESIDENT OF STUDENT BODY.....	102	7.4	6.7
PRESIDENT OF CLASS - OTHER THAN SENIOR CLASS.....	137	10.0	9.6
HIGH SCHOOL STUDENT COUNCIL PRESIDENT.....	86	6.3	7.9
NONE OF ABOVE.....	983	71.6	69.5
PARTICIPATED IN OR HELD FOLLOWING HIGH SCHOOL POSITIONS *			
DEBATING OR FORENSIC SOCIETY.....	160	11.7	9.0
THESPIAN OR DRAMATIC CLUB.....	193	14.1	12.8
GLEE CLUB.....	143	10.4	7.1
HIGH SCHOOL BAND.....	248	18.1	18.2
ALL-STATE BAND.....	40	3.0	2.4
STAFF, SCHOOL PAPER.....	225	16.4	13.1
EDITOR OR CO-EDITOR, SCHOOL PAPER.....	61	4.4	3.4
STAFF, YEARBOOK OR ANNUAL.....	203	14.8	13.2
EDITOR OR CO-EDITOR, YEARBOOK OR ANNUAL.....	59	4.3	3.8
NONE OF ABOVE.....	614	44.7	43.7
WAS A MEMBER OF THE FOLLOWING NUMBER OF CLUBS WHICH WERE SPONSORED BY THE HIGH SCHOOL			
NONE.....	114	8.3	7.8
ONE.....	199	14.5	14.3
TWO.....	300	21.9	21.7
THREE.....	252	18.4	17.8
FOUR.....	202	14.7	15.5
FIVE.....	151	11.0	11.9
SIX.....	71	5.2	5.3
SEVEN.....	22	1.6	1.7
EIGHT OR MORE.....	62	4.5	4.2
WAS A PRESIDENT OF THE FOLLOWING NUMBER OF CLUBS WHICH WERE SPONSORED BY THE HIGH SCHOOL			
NONE.....	938	68.3	67.4
ONE.....	340	24.8	26.0
TWO.....	69	5.3	5.0
THREE.....	20	1.5	1.1
FOUR.....	5	0.4	0.5
FIVE.....	1	0.1	0.0
SIX.....	0	0.0	0.0
SEVEN.....	0	0.0	0.0
EIGHT OR MORE.....	0	0.0	0.0

* MAY BE MORE THAN ONE.

TABLE 6. CLUBS AND POSITIONS HELD (CONTINUED)

	NUMBER	PERCENT OF ENTRANTS	PERCENT OF GRADUATES
WAS AN OFFICER, OTHER THAN PRESIDENT, OF THE FOLLOWING NUMBER OF CLUBS SPONSORED BY THE HIGH SCHOOL			
NONE.....	767	55.9	56.2
ONE.....	370	27.0	27.7
TWO.....	151	11.0	10.5
THREE.....	60	4.4	3.8
FOUR.....	21	1.5	1.6
FIVE.....	2	0.2	0.1
SIX.....	2	0.2	0.1
SEVEN.....	0	0.0	0.0
EIGHT OR MORE.....	0	0.0	0.0
WAS A MEMBER OF THE FOLLOWING NUMBER OF CLUBS WHICH WERE NOT SPONSORED BY THE HIGH SCHOOL			
NONE.....	565	41.1	40.2
ONE.....	449	32.7	32.3
TWO.....	223	16.2	17.3
THREE.....	83	6.1	6.4
FOUR.....	38	2.8	2.8
FIVE.....	9	0.7	0.7
SIX.....	1	0.1	0.1
SEVEN.....	1	0.1	0.0
EIGHT OR MORE.....	4	0.3	0.2
WAS PRESIDENT OF THE FOLLOWING NUMBER OF NON-SCHOOL CLUBS			
NONE.....	1126	82.0	81.0
ONE.....	212	15.4	15.9
TWO.....	25	1.8	2.2
THREE.....	5	0.4	0.5
FOUR.....	3	0.2	0.2
FIVE.....	1	0.1	0.1
SIX.....	1	0.1	0.1
SEVEN.....	0	0.0	0.0
EIGHT OR MORE.....	0	0.0	0.0

TABLE 6. CLUBS AND POSITIONS HELD (CONTINUED)

	NUMBER	PERCENT OF ENTRANTS	PERCENT OF GRADUATES
WAS AN OFFICER, OTHER THAN PRESIDENT, OF THE FOLLOWING NUMBER OF NON-SCHOOL CLUBS			
NONE.....	1000	72.8	70.9
ONE.....	295	21.5	22.9
TWO.....	58	4.2	5.0
THREE.....	11	0.8	0.7
FOUR.....	6	0.4	0.2
FIVE.....	3	0.2	0.2
SIX.....	0	0.0	0.0
SEVEN.....	0	0.0	0.0
EIGHT OR MORE.....	0	0.0	0.0
WAS SELECTED FOR THE FOLLOWING POSITION *			
BOYS STATE DELEGATE.....	323	23.5	24.0
BOYS NATION REPRESENTATIVE.....	1	0.1	0.1
NONE OF ABOVE.....	1051	76.4	75.9
THE HIGHEST SCOUT RANK ATTAINED			
NEVER A SCOUT.....	597	43.5	42.5
TENDERFOOT.....	110	8.0	6.4
SECOND CLASS.....	153	11.1	11.4
FIRST CLASS.....	150	10.9	10.2
STAR.....	96	7.0	7.7
LIFE.....	91	6.6	6.5
EAGLE.....	176	12.8	15.2
THE HIGHEST POSITION HELD IN A BOY SCOUT TROOP			
NEVER A BOY SCOUT.....	597	43.5	42.5
REGULAR MEMBER.....	283	20.5	18.6
PATROL LEADER.....	170	12.4	12.2
STAFF.....	46	3.4	3.4
SENIOR PATROL LEADER.....	167	12.2	14.5
ASSISTANT SCOUT LEADER.....	111	8.1	8.9
PRESENTLY IS OR HAS BEEN ONE OF THE FOLLOWING *			
BOY SCOUT.....	750	54.6	46.4
EXPLORER SCOUT.....	198	14.4	8.5
SEA SCOUT.....	28	2.0	2.3
AIR SCOUT.....	6	0.4	0.5
CAMP COUNSELOR.....	150	10.9	10.9
ORDER OF ARROW.....	225	16.4	11.4
NONE OF THE ABOVE.....	543	39.6	38.4

* MAY BE MORE THAN ONE.

TABLE 7. ROTC EXPERIENCE

	NUMBER	PERCENT AT ENTRANCE	PERCENT AT GRADUATION
MILITARY SERVICE THAT CONTROLLED HIGH SCHOOL ROTC			
NOT APPLICABLE.....	1210	88.1	88.6
ARMY.....	119	8.7	8.3
AIR FORCE.....	26	1.9	1.4
NAVY.....	15	1.1	1.3
NAVY-MARINE CORPS EMPHASIS.....	3	0.2	0.2
NUMBER OF SEMESTERS OF HIGH SCHOOL ROTC COMPLETED			
NOT APPLICABLE.....	1266	92.2	91.9
ONE.....	1	0.1	0.1
TWO.....	23	1.7	1.4
THREE.....	4	0.3	0.4
FOUR.....	20	1.5	1.6
FIVE.....	2	0.2	0.1
SIX.....	41	3.0	3.4
SEVEN OR MORE.....	16	1.2	1.1
HIGHEST CADET RANK ACHIEVED IN HIGH SCHOOL ROTC			
NOT APPLICABLE.....	1266	92.2	92.0
PRIVATE.....	6	0.4	0.4
CORPORAL.....	4	0.3	0.2
SERGEANT.....	20	1.5	1.4
2/LT.....	9	0.7	0.1
1/LT.....	9	0.7	0.7
CAPTAIN.....	15	1.1	1.1
HIGHER THAN CAPTAIN.....	44	3.2	4.0
MILITARY SERVICE THAT CONTROLLED COLLEGE ROTC			
NOT APPLICABLE.....	1299	94.6	94.7
ARMY.....	58	4.2	4.1
AIR FORCE.....	11	0.8	0.6
NAVY.....	4	0.3	0.4
NAVY-MARINE CORPS EMPHASIS.....	1	0.1	0.1
SEMESTERS OF QUARTERS OF COLLEGE ROTC COMPLETED			
NOT APPLICABLE.....	1317	95.9	96.2
ONE.....	5	0.4	0.2
TWO.....	31	2.3	2.4
THREE.....	9	0.7	0.5
FOUR.....	5	0.4	0.2
FIVE.....	1	0.1	0.1
SIX.....	3	0.2	0.2
SEVEN OR MORE.....	2	0.2	0.0

TABLE 8. MILITARY SERVICE

	NUMBER	PERCENT AT ENTRANCE	PERCENT AT GRADUATION
SERVED IN THE FOLLOWING MILITARY COMPONENT			
REGULAR COMPONENT.....	135	9.8	7.8
ACTIVE RESERVE COMPONENT.....	54	3.9	4.0
INACTIVE RESERVE COMPONENT.....	4	2.3	0.2
NOT APPLICABLE.....	1180	85.9	87.8
SERVED OVERSEAS (INCLUDES HAWAII AND ALASKA WHEN NOT THEIR HOME STATE)			
YES.....	13	1.0	0.7
NO.....	1360	99.0	99.3
WOUNDED IN ACTION			
YES.....	2	0.2	0.0
NO.....	1371	99.8	100.0
NUMBER OF DECORATIONS RECEIVED			
NONE.....	1226	89.3	90.3
ONE.....	41	3.0	2.6
TWO.....	98	7.1	6.2
THREE.....	3	0.2	0.2
FOUR OR MORE.....	5	0.4	0.4
RECEIVED THE FOLLOWING SPECIALTY BADGES *			
MARKSMANSHIP BADGE.....	76	5.5	3.8
COMBAT BADGE.....	4	0.3	0.1
INFANTRY BADGE.....	4	0.3	0.2
PARACHUTIST BADGE.....	7	0.5	0.2
RANGER TAB.....	1	0.1	0.1
NONE.....	1281	93.3	93.9
HAD BASIC OR BOOT TRAINING ON ACTIVE DUTY			
YES.....	175	12.8	10.5
NO.....	1198	87.2	89.5

* MAY BE MORE THAN ONE.

TABLE 9. FATHERS MILITARY STATUS, RANK, AND COMPONENT

	NUMBER	PERCENT AT ENTRANCE	PERCENT AT GRADUATION
FATHERS PAST MILITARY SERVICE AND CURRENT STATUS			
NO MILITARY SERVICE.....	245	17.8	16.3
INACTIVE RESERVE STATUS-SERVED 2 OR MORE TOURS.....	30	2.2	2.3
SERVED 20 YEARS OR MORE AND RETIRED.....	175	12.8	13.8
NOT IN RESERVE STATUS-SERVED 2 OR MORE TOURS.....	70	5.1	5.5
CAREER IN MILITARY SERVICE TERMINATED FOR			
PHYSICAL DISABILITY.....	27	2.0	1.8
SERVED ONLY DURING A WAR OR FOR ONE			
PEACETIME TOUR.....	667	48.6	46.5
NOW ON FULL-TIME ACTIVE DUTY IN REGULAR OR			
RESERVE COMPONENT.....	129	9.4	10.1
DIED WHILE ON ACTIVE DUTY DURING WARTIME.....	6	0.4	0.5
NOW IN RESERVES OR NATIONAL GUARD (TWO WEEKS			
ACTIVE DUTY AND/OR SCHEDULED MEETINGS).....	20	1.5	2.0
DIED WHILE ON ACTIVE DUTY DURING PEACETIME.....	4	0.3	0.2
FATHERS MILITARY RANK - CURRENT OR PAST			
DID NOT SERVE.....	245	17.8	16.3
OFFICER, NEVER ENLISTED.....	176	12.8	12.8
ENLISTED ONLY.....	683	49.8	50.1
ENLISTED AND OFFICER.....	269	19.6	20.8
FATHERS PREVIOUS OR CURRENT MILITARY OR RELATED COMPONENT			
NONE, DID NOT SERVE.....	245	17.8	16.2
REGULAR ARMY.....	594	43.3	45.5
ARMY RESERVE.....	55	4.0	4.8
ARMY NATIONAL GUARD.....	27	2.0	2.0
NAVY.....	204	14.9	14.5
NAVY RESERVE.....	16	1.2	1.3
AIR FORCE.....	142	10.3	10.5
AIR FORCE RESERVE.....	12	0.9	0.8
AIR NATIONAL GUARD.....	2	0.2	0.2
MARINE CORPS.....	55	4.0	4.1
MARINE CORPS RESERVE.....	2	0.2	0.0
COAST GUARD.....	4	0.3	0.5
COAST GUARD RESERVE.....	0	0.0	0.0
MERCHANT MARINE.....	15	1.1	1.6

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER 2A1.00-75-010	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Retention of Cadets in the Class of 1974		5. TYPE OF REPORT & PERIOD COVERED
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) Mr. John W. Houston		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Office of the Director of Inst Research United States Military Academy West Point, New York 10996		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS Task Number: 2086
11. CONTROLLING OFFICE NAME AND ADDRESS Same as #9 above.		12. REPORT DATE November 1974
		13. NUMBER OF PAGES 15 + ii
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) United States Military Academy West Point, New York 10996		15. SECURITY CLASS. (of this report) UNCLASSIFIED
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Reproduction of this document in whole or in part must have prior approval of the Superintendent, United States Military Academy, West Point, New York.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Retention Attrition Separations Characteristics Class of 1974		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report shows the relationship between certain characteristics of the cadets of the Class of 1974 and retention at the Academy through graduation. The findings tend to support previous findings; that variables related to academics are the best predictors of losses from the Military Academy.		

DD FORM 1473

1 JAN 73

EDITION OF 1 NOV 65 IS OBSOLETE

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)